## **SIEMENS**

## **Data sheet**

product brand name



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 1 control point plastic, Control point in center, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom

product type designation quipment of commanding and signaling device  manufacturer's article number  of supplied contact module of supplied contact module of supplied contact module at the command point A 1 of the supplied holder of the supplied holder of the supplied actuator at the command point A substitute  or as a kit or or the enclosure top part delivery state or as a kit or or or the enclosure top part delivery state or as a kit or o	product designation	Enclosures	
acc. to ISO 13850 and rotate-to-unlatch mechanism manufacturer's article number  • of supplied contact module • of supplied contact module at the command point A 1 • of the supplied holder • of the supplied holder at the command point A 1 • of the supplied holder at the command point A 3SU1500-0AA10-0AA0 • of the supplied actuator • of the supplied actuator A 3SU1500-0AA10-0AA0 • of the supplied actuator A 3SU1500-0AA10-0AA0 • of the supplied extuator at the command point A 3SU1500-0AA10-0AA0 • of the supplied empty enclosure • of the supplied empty enclosure  Command point in center  shape of the enclosure front Square  material of the enclosure plastic number of command points 1 • EMERGENCY STOP device Yes • protective collar No color of the enclosure top part delivery state • as a kit No fastening method of the enclosure Vertical  Actuator  design of the actuating element EMERGENCY STOP mushroom pushbutton suitability for use EMERGENCY OFF switch Yes product centure lockout No product extension optional light source color of the actuating element red material of the actuating element plastic  material of the actuating element round number of contact modules 1  \$\$\text{type of unlocking device} \tag{ No}	product type designation	3SU1	
of supplied contact module of supplied contact module at the command point A 1 of the supplied holder of the supplied holder at the command point A of the supplied holder at the command point A of the supplied actuator of the supplied actuator of the supplied actuator at the command point A sult500-0AA10-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 sult500-1HB20-0AA0 of the supplied actuator at the command point A sult500-1HB20-0AA0 of the enclosure plastic  number of command points 1 product component  e EMERGENCY STOP device of the enclosure top part delivery state of the enclosure Overtical  Actuator  design of the actuating element EMERGENCY STOP mushroom pushbutton suitability for use EMERGENCY OFF switch yes product deture lockout No product extension optional light source No color of the actuating element material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device  Front ring product component front ring No design of the front ring Standard	equipment of commanding and signaling device		
of supplied contact module at the command point A 1 of the supplied holder of the supplied holder at the command point A of the supplied holder at the command point A of the supplied actuator of the supplied actuator at the command point A of supplied actuator at the command point A of supplied actuator at the command point A of supplied empty enclosure  Brolosure  design of the housing Salus of the enclosure front Salus of the enclosure front Salus of the enclosure front Salus of the enclosure number of command points 1 product component  EMERGENCY STOP device or predetive collar or as at it or pre-wired on strip terminal No fastening method of the enclosure  Actuator  design of the actuating element suitability for use EMERGENCY OFF switch yes color of the actuating element suitability for use EMERGENCY OFF switch yes color of the actuating element red material of the actuating element number of contact modules 1 type of unlocking device Front ring product component front ring No design of the front ring Standard	manufacturer's article number		
of the supplied holder     of the supplied holder at the command point A     of the supplied actuator     of the supplied actuator     of the supplied actuator     of the supplied actuator at the command point A     of supplied empty enclosure     of supplied empty enclosure     of supplied empty enclosure     of the supplied empty enclosure     of supplied empty enclosure     of supplied empty enclosure     of supplied empty enclosure     of the enclosure     of the enclosure     of the enclosure front     square     material of the enclosure plastic     number of command points     of the enclosure     of the enclosure top part     or the enclosure	<ul> <li>of supplied contact module</li> </ul>	A1 = 3SU1400-2AA10-1CA0	
of the supplied holder at the command point A     of the supplied actuator     of the supplied actuator     of the supplied actuator at the command point A     of supplied empty enclosure      design of the housing     design of the housing     design of the housing     shape of the enclosure front     material of the enclosure     number of command points     1  product component     EMERGENCY STOP device     oprotective collar     olar sa kit     opre-wired on strip terminal     opre-wired on strip terminal     statening method of the enclosure  design of the actuating element     suitability for use EMERGENCY OFF switch     product extension optional light source     No     color of the actuating element     shape of the actuating element     number of contact modules     1      4 = rotate-to-unilatch mechanism     Front ring     No     design of the actuating element     shape of the actuating element     shape of the actuating element     round     number of contact modules     1      type of unlocking device     A = rotate-to-unilatch mechanism     Front ring     Product component front ring     Standard	<ul> <li>of supplied contact module at the command point A 1</li> </ul>	3SU1400-2AA10-1CA0	
of the supplied actuator     of the supplied actuator at the command point A     of supplied empty enclosure     design of the housing     shape of the enclosure front     shape of the enclosure front     material of the enclosure     enumber of command points     product component     embers of the enclosure to part     elivery state     as a kit     ocolor of the enclosure     as a kit     opre-wired on strip terminal     satishilly for use EMERGENCY OFF switch     suitability for use EMERGENCY OFF switch     product extension optional light source     ocolor of the actuating element     suitability for use EMERGENCY OFF switch     product extension optional light source     ocolor of the actuating element     suitability for use EMERGENCY OFF switch     product feature lockout     No     product extension optional light source     No     color of the actuating element     suitability of use EMERGENCY OFF switch     product feature lockout     No     product extension optional light source     No     color of the actuating element     plastic     shape of the actuating element     number of contact modules     1 type of unlocking device     A = rotate-to-unlatch mechanism  Front ring  Product component front ring     Standard	<ul> <li>of the supplied holder</li> </ul>	A = 3SU1500-0AA10-0AA0	
of the supplied actuator at the command point A     of supplied empty enclosure    Sulfabl-0AA00-0AA2	<ul> <li>of the supplied holder at the command point A</li> </ul>	3SU1500-0AA10-0AA0	
of supplied empty enclosure  design of the housing Command point in center shape of the enclosure front Square material of the enclosure plastic number of command points 1 product component	<ul> <li>of the supplied actuator</li> </ul>	A = 3SU1000-1HB20-0AA0	
design of the housing Square shape of the enclosure front Square material of the enclosure plastic number of command points 1 product component  • EMERGENCY STOP device Yes • protective collar No color of the enclosure top part yellow delivery state • as a kit No • pre-wired on strip terminal No fastening method of the enclosure Vertical Actuator design of the actuating element EMERGENCY STOP mushroom pushbutton suitability for use EMERGENCY OFF switch Yes product feature lockout No product extension optional light source red color of the actuating element red material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	<ul> <li>of the supplied actuator at the command point A</li> </ul>	3SU1000-1HB20-0AA0	
design of the housing Square shape of the enclosure front Square material of the enclosure number of command points 1  product component  • EMERGENCY STOP device Yes • protective collar No color of the enclosure top part yellow delivery state • as a kit No pre-wired on strip terminal No fastening method of the enclosure Yestical  Actuator  design of the actuating element EMERGENCY STOP mushroom pushbutton suitability for use EMERGENCY OFF switch Yes product extension optional light source No color of the actuating element plastic shape of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	<ul> <li>of supplied empty enclosure</li> </ul>	3SU1801-0AA00-0AA2	
shape of the enclosure front glastic number of command points 1  product component	Enclosure		
material of the enclosure number of command points  product component  • EMERGENCY STOP device • protective collar color of the enclosure top part • as a kit • as a kit • pre-wired on strip terminal fastening method of the enclosure  Actuator  design of the actuating element suitability for use EMERGENCY OFF switch product extension optional light source color of the actuating element material of the actuating element material of the actuating element product extension optional light source shape of the actuating element material of the actuating element plastic shape of the actuating element round number of contact modules type of unlocking device  Front ring product component front ring No design of the front ring Standard	design of the housing	Command point in center	
number of command points  product component  EMERGENCY STOP device  protective collar  No  color of the enclosure top part  e as a kit  pre-wired on strip terminal  fastening method of the enclosure  design of the actuating element  suitability for use EMERGENCY OFF switch  product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  material of the actuating element  shape of the actuating element  round  number of contact modules  front ring  product component front ring  No  design of the front ring  Standard	shape of the enclosure front	Square	
product component  EMERGENCY STOP device  protective collar  No  color of the enclosure top part  delivery state  as a kit  pre-wired on strip terminal  fastening method of the enclosure  Actuator  design of the actuating element  suitability for use EMERGENCY OFF switch  product extension optional light source  color of the actuating element  material of the actuating element  red  material of the actuating element  shape of the actuating element  round  number of contact modules  1  type of unlocking device  Front ring  product component front ring  No  design of the front ring  Standard	material of the enclosure	plastic	
EMERCENCY STOP device     protective collar     No  color of the enclosure top part  delivery state     as a kit     No     pre-wired on strip terminal     No fastening method of the enclosure  Actuator  design of the actuating element     suitability for use EMERGENCY OFF switch     product feature lockout     No product extension optional light source     color of the actuating element     material of the actuating element     plastic     shape of the actuating element     round     number of contact modules     1 type of unlocking device     A = rotate-to-unlatch mechanism  Front ring  product component front ring     No design of the front ring     Standard	number of command points	1	
protective collar     color of the enclosure top part     yellow  delivery state     as a kit     No     pre-wired on strip terminal     No  fastening method of the enclosure  Actuator  design of the actuating element     suitability for use EMERGENCY OFF switch     yes product feature lockout     No product extension optional light source     not of the actuating element     material of the actuating element     shape of the actuating element     round number of contact modules     1 type of unlocking device     A = rotate-to-unlatch mechanism  Front ring  product component front ring     No design of the front ring     Standard	product component		
color of the enclosure top part  delivery state	<ul> <li>EMERGENCY STOP device</li> </ul>	Yes	
delivery state       No         • as a kit       No         • pre-wired on strip terminal       No         fastening method of the enclosure       Vertical         Actuator         design of the actuating element       EMERGENCY STOP mushroom pushbutton         suitability for use EMERGENCY OFF switch       Yes         product feature lockout       No         product extension optional light source       No         color of the actuating element       red         material of the actuating element       plastic         shape of the actuating element       round         number of contact modules       1         type of unlocking device       A = rotate-to-unlatch mechanism         Front ring       No         design of the front ring       No         design of the front ring       Standard	protective collar	No	
• as a kit  • pre-wired on strip terminal  No  fastening method of the enclosure  Vertical  Actuator  design of the actuating element  suitability for use EMERGENCY OFF switch  product feature lockout  No  product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  number of contact modules  type of unlocking device  Front ring  product component front ring  No  Standard	color of the enclosure top part	yellow	
Pre-wired on strip terminal     Actuator  design of the actuating element     Suitability for use EMERGENCY OFF switch     Product feature lockout     No     product extension optional light source     No     color of the actuating element     material of the actuating element     shape of the actuating element     round     number of contact modules     type of unlocking device     Product component front ring     product component front ring     Standard  No  Vertical  No  Vertical  No  EMERGENCY STOP mushroom pushbutton  Yes  No  No  Pres  Pres  No  A = rotate-to-unlaten mechanism  Product component front ring  No  Standard	delivery state		
fastening method of the enclosure  Actuator  design of the actuating element	• as a kit	No	
design of the actuating element EMERGENCY STOP mushroom pushbutton  suitability for use EMERGENCY OFF switch Yes  product feature lockout No  product extension optional light source No  color of the actuating element red  material of the actuating element plastic  shape of the actuating element round  number of contact modules 1  type of unlocking device A = rotate-to-unlatch mechanism  Front ring  product component front ring No  design of the front ring Standard	pre-wired on strip terminal	No	
design of the actuating element     EMERGENCY STOP mushroom pushbutton       suitability for use EMERGENCY OFF switch     Yes       product feature lockout     No       product extension optional light source     No       color of the actuating element     red       material of the actuating element     plastic       shape of the actuating element     round       number of contact modules     1       type of unlocking device     A = rotate-to-unlatch mechanism       Front ring     No       design of the front ring     Standard	fastening method of the enclosure	Vertical	
suitability for use EMERGENCY OFF switch  product feature lockout  product extension optional light source  No  color of the actuating element  material of the actuating element  shape of the actuating element  number of contact modules  type of unlocking device  Front ring  product component front ring  No  design of the front ring  Standard	Actuator		
product feature lockout product extension optional light source No color of the actuating element material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring Standard	design of the actuating element	EMERGENCY STOP mushroom pushbutton	
product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  number of contact modules  type of unlocking device  Front ring  product component front ring  No  design of the front ring  No  No  Standard	suitability for use EMERGENCY OFF switch	Yes	
color of the actuating element red material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	product feature lockout	No	
material of the actuating element plastic shape of the actuating element round number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	product extension optional light source	No	
shape of the actuating element number of contact modules 1 type of unlocking device A = rotate-to-unlatch mechanism  Front ring product component front ring No design of the front ring Standard	color of the actuating element	red	
number of contact modules  type of unlocking device  A = rotate-to-unlatch mechanism  Front ring  product component front ring  No  design of the front ring  Standard	material of the actuating element	plastic	
type of unlocking device  A = rotate-to-unlatch mechanism  Front ring  product component front ring  No  design of the front ring  Standard	shape of the actuating element	round	
Front ring product component front ring No design of the front ring Standard	number of contact modules	1	
product component front ring  design of the front ring  Standard	type of unlocking device	A = rotate-to-unlatch mechanism	
design of the front ring Standard	Front ring		
	product component front ring	No	
Holder	design of the front ring	Standard	
	Holder		

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material of the holder	Plastic	
Display		
number of LED modules	0	
General technical data		
product function		
<ul> <li>positive opening</li> </ul>	Yes	
EMERGENCY OFF function	Yes	
<ul> <li>EMERGENCY STOP function</li> </ul>	Yes	
protection class IP	IP66, IP67, IP69(IP69K)	
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12K, 13	
shock resistance		
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms	
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
reference code according to IEC 81346-2	S	
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A	
continuous current of the quick DIAZED fuse link	10 A	
continuous current of the DIAZED fuse link gG	10 A	
Substance Prohibitance (Date)	10/01/2014	
operating voltage		
• at AC		
— at 50 Hz rated value	5 500 V	
— at 60 Hz rated value	5 500 V	
at DC rated value	5 500 V	
Communication/ Protocol		
design of the interface for communication	without	
Auxiliary circuit		
design of the contact of auxiliary contacts	Silver alloy	
number of NC contacts for auxiliary contacts	1	
number of NO contacts for auxiliary contacts	0	
Connections/ Terminals		
type of electrical connection of modules and accessories	Screw-type terminal	
type of electrical connection on enclosure	Cable routing above and below, both 1 x M20	
tightening torque of the screws in the bracket	1 1.2 N·m	
tightening torque of fixing screws in the enclosure cover	1.5 1.7 N·m	
tightening torque with screw-type terminals	0.8 0.9 N·m	
Ambient conditions	0.0 0.0 IV III	
ambient temperature		
during operation	-25 +70 °C	
during storage	-40 +80 °C	
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no	
60721	condensation in operation permitted for all devices behin	
Installation/ mounting/ dimensions		
fastening method of modules and accessories	Floor mounting	
height	85 mm	
width	85 mm	
depth	109 mm	
shape of the installation opening	round	
Accessories		
number of labels	0	
number of inscription plates	0	
Approvals Certificates		
General Product Approval		Declaration of Conformity



Confirmation









Declaration of Conformity

**Test Certificates** 

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other

Environment



Confirmation

Environmental Confirmations

## **Further information**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1801-0NA00-2AA2

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NA00-2AA2

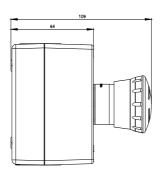
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

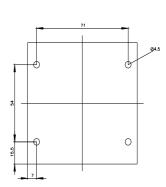
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NA00-2AA2

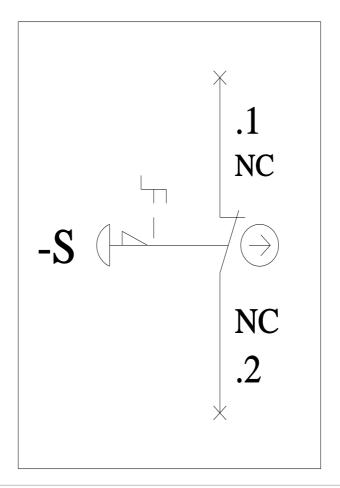
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1801-0NA00-2AA2&lang=en









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